IN THE CLAIMS:

Claims 2, 4, 8, 10, 12, 14, 18, 20, 24, 28, and 30 – 40 have been cancelled. Claims 1, 3, 5, 6, 9, 11, 13, 15, 16, 19, 21 – 22, 23, 25 – 26, and 29 have been amended, as follows:

1. (currently amended) An adapter device, comprising:

a DC/DC adapter, external to an electronic device having a power supply, to receive DC power from an external DC power source, and output a regulated DC voltage (V_{out}) to the electronic device; and

DC source determination circuitry, in the adapter device, to receive the DC power from the external DC power source and compare a magnitude of a voltage of the DC power with a reference magnitude of a reference voltage (V_{ref}) in order to determine what type of external DC power source is supplying DC power,

wherein when the magnitude of the voltage of the DC power is greater than the reference magnitude, a data signal (V_{data}) having a first value indicative of the external DC power source being an airplane power source is output, and when the magnitude of the voltage of the DC power is less than the reference magnitude, the data [[(V_{data})]] signal (V_{data})having a second value indicative of the external DC power source being an automobile power source is output~~, the V_{data} signal being received by control circuitry of an electronic device wherein when the V_{data} signal has the first value, the electronic device operates in a first mode where battery charging circuitry is disabled, and when the V_{data} signal has the second value, the battery charging circuitry is enabled~~.

Claim 2 (cancelled).

3. (currently amended) The adapter device according to claim [[2]] 1, the

magnitude of the DC power being in a range between about 11.0 Volts and about 14.1 Volts.

Claim 4 (cancelled).

5. (currently amended) The adapter device according to claim [[4]] 1, the magnitude of the DC power being in a range between about 14.5 Volts and about 15.5 Volts.

6. (currently amended) The adapter device according to claim 1, further including an AC/DC adapter to receive AC input power and convert the AC input power to an additional DC power signal.

7. (original) The adapter device according to claim 1, wherein the electronic device is a notebook computer.

Claim 8 (cancelled).

9. (currently amended) The adapter device according to claim 1, the [[V_{data}]] data (V_{data}) signal being selected from the group consisting of: (a) a transmission of a discrete bit, (b) a transmission of a data signal having multiple bits, (c) an analog signal, and (d) an analog voltage.

Claim 10 (cancelled).

11. (currently amended) A method comprising:

receiving DC power from a DC power source, at an adapter, and outputting a regulated DC voltage (V_{out}) from the adapter to an electronic device;

comparing, in the adapter, a magnitude of a voltage of the DC power with a reference magnitude of a reference voltage (V_{ref}) to identify what type of DC power source is supplying the DC power to the adapter;

outputting a data signal (V_{data}) having a first value when the magnitude of the voltage of the DC power is greater than the reference magnitude which identifies that the DC power source is an airplane power source;

outputting the [[V_{data}]] data signal (V_{data}) having a second value when the magnitude of the voltage of the DC power is less than the reference magnitude which identifies that the DC power source is an automobile power source. ~~,~~

~~wherein the V_{data} signal is received by control circuitry of an electronic device, and when the V_{data} signal has the first value, the electronic device operates in a first mode where battery charging circuitry is disabled, and when the V_{data} signal has the second value, the battery charging circuitry is enabled.~~

Claim 12 (cancelled).

13. (currently amended) The method according to claim [[12]] 11, the magnitude of the DC power being in a range between about 11.0 Volts and about 14.1 Volts.

Claim 14 (cancelled).

15. (currently amended) The method according to claim [[14]] 11, the magnitude of the DC power being in a range of between about 14.5 Volts and about 15.5 Volts.

16. (currently amended) The method according to claim 11, the adapter further including an AC/DC ~~adapter~~ converter capable of receiving AC input and converting the AC input into a DC voltage.

17. (original) The method according to claim 11, wherein the electronic device is a notebook computer.

Claim 18 (cancelled).

19. (currently amended) The method according to claim 11, the [[V_{data}]] data signal V_{data} being selected from the group consisting of: (a) a transmission of a discrete bit, (b) a transmission of a data signal having multiple bits, (c) an analog signal, and (d) an analog voltage.

Claim 20 (cancelled).

21. (currently amended) A power supply system, comprising:

an adapter device ~~having a DC/DC adapter~~ to receive DC power from an external DC power source, and output a regulated DC voltage (V_{out}), the adapter device including[[;]] :

DC source determination circuitry to receive the DC power from the external DC power source and compare, in the adapter device, a magnitude of a voltage of the DC power with a reference magnitude of a reference voltage (V_{ref}) in order to determine a type of external DC power source that is supplying the DC power,

wherein when the magnitude of the voltage of the DC power is greater than the reference magnitude, a data signal (V_{data}) having a first value indicative of the external DC power source being an airplane power source is output, and when the magnitude of the voltage of the DC power is less than the reference magnitude, the V_{data} signal having a second value indicative of the external DC power source being an automobile power source is output; and

an electronic device having control circuitry to receive the V_{data} signal,

~~wherein when the V_{data} signal has the first value, the electronic device operates in a first mode where battery charging circuitry is disabled, and when the V_{data} signal has the second value, the battery charging circuitry is enabled.~~

22. (currently amended) The power supply system according to claim 21, ~~wherein when the magnitude of the voltage of the DC power is less than the reference magnitude, the DC power source is an automobile cigarette lighter outlet~~ , wherein when the V_{data} signal has the first value, the electronic device operates in a first mode where battery charging circuitry is disabled, and when the V_{data} signal has the second value, the battery charging circuitry is enabled.

23. (currently amended0 The power supply system according to claim [[22]] 21, the magnitude of the DC power being in a range between about 11.0 Volts and about 14.1 Volts.

Claim 24 (cancelled).

25. (currently amended) The power supply system according to claim [[24]] 21, the magnitude of the DC power being in a range between about 14.5 Volts and about 15.5 Volts.

26. (currently amended) The power supply system according to claim 21, the adapter device further including an AC/DC adapter to receive AC input power and convert the AC input power to an additional DC power signal.

27. (original) The power supply system according to claim 21, wherein the electronic device is a notebook computer.

Claim 28 (cancelled).

29. (currently amended) The power supply system according to claim 21, the

[[V_{data}]] data signal (V_{data}) being selected from the group consisting of: (a) a transmission of a discrete bit, (b) a transmission of a data signal having multiple bits, (c) an analog signal, and (d) an analog voltage.

Claims 30 – 40 (cancelled).